

# Ming Chi

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## Objective

Information-technology oriented positions.

## Education

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| <ul style="list-style-type: none"><li>• <b>University of Pittsburgh</b><br/>2014.9 – 2016.5<br/>Master of Science in Information Science<br/>GPA: 3.955</li></ul> | <ul style="list-style-type: none"><li>• <b>China University of Geosciences</b><br/>2010.9 – 2014.6<br/>Bachelor of Engineering (GIS Major)<br/>GPA: 3.39</li></ul> |
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## Project Experience

- **Online Chat System**  
Author. A social system with friends list, search, add friends and chat features, combining database, AJAX, servlets, jersey (only for some restful APIs) and JSON. Front-end applied bootstrap as CSS.
- **“StandingOut” – Social Resume System**  
Main contributor. Builds front-end web pages including live resume editing interfaces and back-end servlets which would accept user uploaded pdf files, convert it into a JPG file in bytes form and then store it into database for later display in the resume gallery.
- **Distributed Database Query Server using Facebook PrestoDB**  
Main contributor. Java restful server processing queries and generate results as back-end. Web page using bootstrap and knockout as front-end.
- **Mobile Game-like App for Java Learning**  
UI designer & backend data extractor. Extracted backend server data (a huge complex JSON) and leave only the required information.
- **Digital Watermarking for Geo-Spatial Vector Data**  
Bachelor Thesis Design. A plugin to the GIS platform with inserting watermark, verification, and testing watermark robustness based on a GIS platform “MapGIS 10”, with a C# UI lib and a C++ algorithm lib.
- **Prototype GIS System**  
Main designer and contributor (UI, map layer control and zoom functions). An application programmed to have GIS mapping function, with vector editing and layer management, using MFC & SQLServer, no open-source libraries applied.

## Skills

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| <ul style="list-style-type: none"><li>• C++, Java, C#</li><li>• Html/CSS/Javascript/Servlets</li><li>• MySQL, SQLServer</li><li>• Android App Developing</li></ul> | <ul style="list-style-type: none"><li>• ArcGIS, Google Maps</li><li>• R &amp; spatial-R</li><li>• Function wrapping</li><li>• UI designing</li></ul> |
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For more images and information about projects, demos, self-developed apps:  
Please visit: <http://ndsorrowchi.github.io/html/past-projects.html> or scan the QR code on the right.